

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04B7/08 H04L1/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04B H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 851 605 A (MATSUSHITA ELECTRIC IND CO LTD) 1 July 1998 (1998-07-01)	1,3, 5-10,13
Y	page 5, line 10 – line 50; figures 1,2A-2F ----- -/-	2,11,12

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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Date of the actual completion of the international search

18 November 2004

Date of mailing of the international search report

25/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Sieben, S

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	OKADA M ET AL: "ARRAY ANTENNA ASSISTED ADAPTIVE MODULATION IN A FAST FADING CHANNEL" VTC 2001 SPRING. IEEE VTS 53RD. VEHICULAR TECHNOLOGY CONFERENCE. RHODES, GREECE, MAY 6 - 9, 2001, IEEE VEHICULAR TECHNOLOGY CONFERENCE, NEW YORK, NY : IEEE, US, vol. VOL. 2 OF 4. CONF. 53, 6 May 2001 (2001-05-06), pages 1249-1253, XP001067162 ISBN: 0-7803-6728-6	2,11
A	section II figures 1,5	1,3-10, 12-17
X	EP 0 767 554 A (BECKER GMBH) 9 April 1997 (1997-04-09)	17
Y	column 1, line 3 - line 21 column 5, line 4 - line 33; figure 1	12
X	US 3 737 783 A (OSWALD J ET AL) 5 June 1973 (1973-06-05) column 1, line 61 - column 2, line 20; figure 1	1,3, 5-10,13
X	EP 0 718 986 A (ALCATEL MOBILE COMM DEUTSCH) 26 June 1996 (1996-06-26)	17
A	column 1, line 30 - line 56 column 2, line 28 - line 33; figure 1 column 3, line 36 - line 54; figure 2	1-16

## Information on patent family members

International Application No  
CT/IB2004/051554

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